

NATIONWIDE  
NATIONAL GUARD OF ARIZONA  
HUMAN RESOURCE OFFICE  
5636 E. McDowell Road, Bldg M5710, Phoenix, AZ 85008-3495  
PHONE (602) 629-4800; DSN 853-4800  
WEBSITE: <http://dema.az.gov/>

TITLE 32 EXCEPTED  
TECHNICIAN VACANCY ANNOUNCEMENT

**NATIONAL GUARD MEMBERSHIP IS REQUIRED:** This is an excepted service position that requires membership in a compatible military assignment in the National Guard. Selectee will be **required to wear the military uniform.**

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**ANNOUNCEMENT NUMBER: 19-296T      OPENING DATE: 18-Jun-19 CLOSING DATE: 9-Jul-19**

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**POSITION TITLE, SERIES, GRADE, AND POSITION NUMBER:**

Aircraft Structural Maintenance Mechanic, D1371000, WG-3806-10, E-1/AB - E-5/SSgt, MPCN: 0107598634

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**APPOINTMENT FACTORS:** OFFICER ☐      WARRANT OFFICER ☐      ENLISTED ☒

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**KNOWN PROMOTION POTENTIAL: NONE**

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**SALARY RANGE:**

\$26.37-\$30.77 PH

SUPERVISORY ☐      MANAGERIAL ☐

NON-SUPERVISORY/NON-MANAGERIAL ☒

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**LOCATION OF POSITION:**

161<sup>st</sup> Air Refueling Wing, Phoenix, AZ

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**APPLICATIONS MUST BE MAILED OR HAND CARRIED TO:** Human Resources Office, 5636 E. McDowell Road, Bldg M5710, Phoenix, AZ 85008-3495. Applications must be received by close of business (1530 MST) on the closing date shown above or if mailed postmarked no later than the closing date. The Human Resources Office will not accept applications that are mailed at government expense, exceptions to hard-copy delivery may be considered on case-by-case basis. Please contact 602-629-4826/4834 for consideration. Faxed applications will not be accepted.

**AREA OF CONSIDERATION:**

This position is in the Federal/Excepted Civil Service and is **open to current members and those eligible for membership in the Arizona Air National Guard.** Individual selected will receive an **Indefinite Appointment** and may be converted to permanent based on availability of funds or position no longer being encumbered. Acceptance of a Federal Excepted technician position of over 179 days in length will cause termination from the Selected Reserve Incentive Program (BONUS). Individual selected will require a military medical records screening if applicable, to be completed prior to appointment, and/or may be required to take a pre-employment medical screening examination dependent on the position type and military medical records screening results.

**INSTRUCTIONS FOR APPLYING:** Individuals applying for vacancies with the Arizona National Guard may submit Optional Form 612 (Optional Application for Federal Employment), or a Resume. Application documents must contain the Announcement Number, Title and Grade(s) of the job being applied for. Personal information must include full name and address (including ZIP Code), Day and evening phone numbers (with area code). Work experience information should be limited to either paid or nonpaid experience directly related to the position that the individual is applying for and must include: Job Title, Duties and accomplishments, Employers name and address, Supervisors name and phone number, starting and ending dates, hours per week and salary.

Applicants **MUST** submit a completed AZNG Form 335-2-R (Knowledge, Skill and Ability Supplement) or a separate document explaining how they meet each Knowledge, Skill and Ability listed below and a Resume or the Optional Form 612. Applicant **MUST** submit complete RIP and/or other documentation to verify possession of AFSC.

**EVALUATION PROCESS:** Each applicant must **FULLY SUBSTANTIATE** on their application how they meet the requirements listed in the specialized experience area; otherwise applicant will be considered unqualified for this position. Applications will be evaluated solely on information supplied in the application (OF 612) or resume. Experience will be evaluated based on relevance to the position for which application is being made. Include job titles, starting and ending

dates (month and year), hours per week, salary, duties/accomplishments, employer(s) name and address, and supervisor(s) name/phone number and permission to contact.

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**CONDITION OF EMPLOYMENT:** Prior to appointment into this position, selectee must be a current member of the Arizona Air National Guard, in a military position assigned to (161st ARW) and must possess the following AFSC: 2A7X3

- Federal employment suitability as determined by a background investigator.
- May be required to successfully complete a probationary period.
- Participation in the Direct Deposit/Electronic Funds Transfer Program.
- Military Uniform must be worn.
- Applicants must maintain membership and employment in the National Guard in the military grade listed in this announcement.

**EQUAL OPPORTUNITY:** The Arizona National Guard is an Equal Opportunity Employer. Selection for this position will be made without regard to race, religion, age, national origin, sex, political affiliation, marital status, membership or nonmembership in an employee organization or any other non-merit factor.

<b>Relocation Incentive may be offered:</b>	<b>YES</b> <input type="checkbox"/>	<b>NO</b> <input checked="" type="checkbox"/>
<b>PCS may be offered:</b>	<b>YES</b> <input type="checkbox"/>	<b>NO</b> <input checked="" type="checkbox"/>

**NOTES:**

NOTE: Maximum rank of SSgt/E-5 unless currently assigned in a higher graded position on the UMD

NOTE: Applications must contain a completed AZNG Form 335-1-R (Military Brief)

NOTE: This position is subject to rotating or night shift work

NOTE: Selected applicant must possess or be able to obtain a SECRET SECURITY CLEARANCE

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**KNOWLEDGE, SKILLS AND ABILITIES REQUIRED FOR SUCCESSFUL PERFORMANCE IN THIS POSITION:**

**Each applicant should fully justify on their application how they meet each KSA listed below using AZNG Form 335-2-R to reference the justification.**

1. Knowledge of aircraft design and structure as well as testing procedures and prevention of metal corrosion.
2. Skilled in the use of various aircraft structural repair tools of the trade and shop equipment.
3. Knowledge of metal strength characteristics (annealing, tempering and normalizing) in the selection of the proper materials for repair to include metal forming.
4. Able to independently inspect aircraft and determine the nature and extent of repairs to be made, using applicable technical orders as guidelines.
5. Knowledgeable in the identification, removal, and installation of common and specialized aircraft fasteners.

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**SPECIALIZED EXPERIENCE:** Must possess at least 18 months experience or training in planning, layout, and construction skills to manufacture items and systems with dovetailed seams, set-in-bottom seams, burred-bottom seams, or wired or lock seams. Experience using shop tools and equipment. Experience in using metals including stainless steel, copper sheet, magnesium, honeycomb material and aluminum alloys. Experience demonstrating the use of more complicated mathematical calculations and complicated measuring instruments. Independently inspect aircraft and determine the nature and extent of repairs to be made, using applicable technical orders as guidelines. Work directly on the aircraft and its components, fulfilling such tasks as removal, repair, modification and installation of parts and assemblies, such as frames, stringers, longerons, bulkheads, beams, ribs, spars, skin, cowlings, brackets, faring, access doors, panels and other related items. Fabricate and fit patches to damaged areas, determining repair detail necessary to retain or restore original strength. Fit and trim components to aircraft such as landing gear doors, control surfaces, flaps access doors and other assemblies. Seal structures to make them pressure, water and weather tight. Troubleshoot aircraft structural repair situations in such areas as fuselage, tails, wings, cowlings, and stabilizers. Determine shear and bearing load factors during rivet replacement. Install regular, heat treated, high shear, and blind type aircraft rivets and fasteners, using pneumatic riveters, special tools and bucking bars. Remove damaged or broken fasteners and receptacles. Perform metal-to-metal bonding where delamination of surfaces and core material occurs in control surfaces. Inspect damage or deterioration and determines repair or replacement of plastic, fiberglass, composites, bonded structures, and bonded

honeycomb assemblies using powered and non-powered tools and equipment. Manufacture and ensure that metal tubing, conduits and cables are fabricated and tested in accordance with drawings and specifications. Set up and operate power shears, brakes, rolls, dimpling machines, drill presses, saws, portable powered tools, specific detection and measuring equipment, and other metal working equipment, including use of other tools of the trade. Work from blueprints, technical orders diagrams, and work orders. Remove corrosion by mechanical and chemical procedures to include use of portable powered (electric and pneumatic) sanders, brushes, bead blasters, vacuum cleaners, scrapers, grinders, acids, caustics, solvents, alcohols and other agents used in corrosion control processes. Treat metal with chemical procedures, such as acids and caustics for passivation and etching, to protect metal from oxidation. Apply protective coatings, markings, and decals after proper removal of corrosion and treatment of metals. Use conventional paint spray equipment, brushes and special applicators when applying primers and surface coatings. Identify, blend, store, control, and dispose of hazardous materials such as acids, caustics, alcohols, solvents, cleaners, primers and surface coatings used for corrosion removal, treatment and protection in accordance with applicable directives.

**BRIEF JOB DESCRIPTION:** This position is located at the 161<sup>st</sup> ARW aircraft maintenance organization located in Phoenix, AZ. Its primary purpose is to accomplish the inspection, repair, modification, installation and troubleshooting of sheet metal, fiberglass, bonded honeycomb and other structural materials and components as well as treatment (i.e., mechanical and chemical), and painting of missiles, aircraft powered and nonpowered Aerospace Ground Equipment (AGE), and monitoring aircraft and equipment washing.

**SELECTING OFFICIAL:** SMSgt Michael S. Ormerod

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